

Zero Beat

Hampden County Radio Association, Inc.

Our 41st ARRL affiliated year
Special Service Club

Serving Greater Springfield, MA

Hampden County Radio Association Annual Banquet

June 9, 1989 at 7:00pm
Feeding Hills Congregational Church

Reservations are required - If you need a ticket, call Ron or Lil at (413) 739-5228
Cutoff date for reservations is June 2

Doors open at 6:30
Buffet served at 7:00

The banquet menu will include Roast Beef, Ham (??), Turkey Breast, American Cheese, Meatballs, Baked Beans, Macaroni and Beef, Kielbasa, Chicken Thighs and Drumsticks, Potato Salad, Cole Slaw, Macaroni Salad, Rolls and Butterettes, Cake Squares, Coffee, Milk, Sugar, Pickles, and Mustard.

VCR Raffle!

Don't forget that the VHS VCR will be raffled off at the banquet!
Tickets will be sold at the banquet until the raffle is held.
Chances are 3 for \$5, or \$2 each.

Officer elections will be held after dinner

Club Officers

President—Phil Smith, KA1MP
Vice President—Dave Bertagnolli, N1EUZ
Treasurer—Greg Stoddard, N1AEH
Secretary/Clerk—Jeanette Platanitis, KA1MEW

Board of Directors

Jim Sebolt, N1DUY	Ed Goldberg, WA1PLS
Ken Nickolls, WB1BZH	Yorke Phillips, K1BXE
Steve Nelson, WA1EYF	Stan Hilinski, KA1ZE
Cliff Junkins, WIUWX	Bob Lafleur, NQ1C

June, 1989

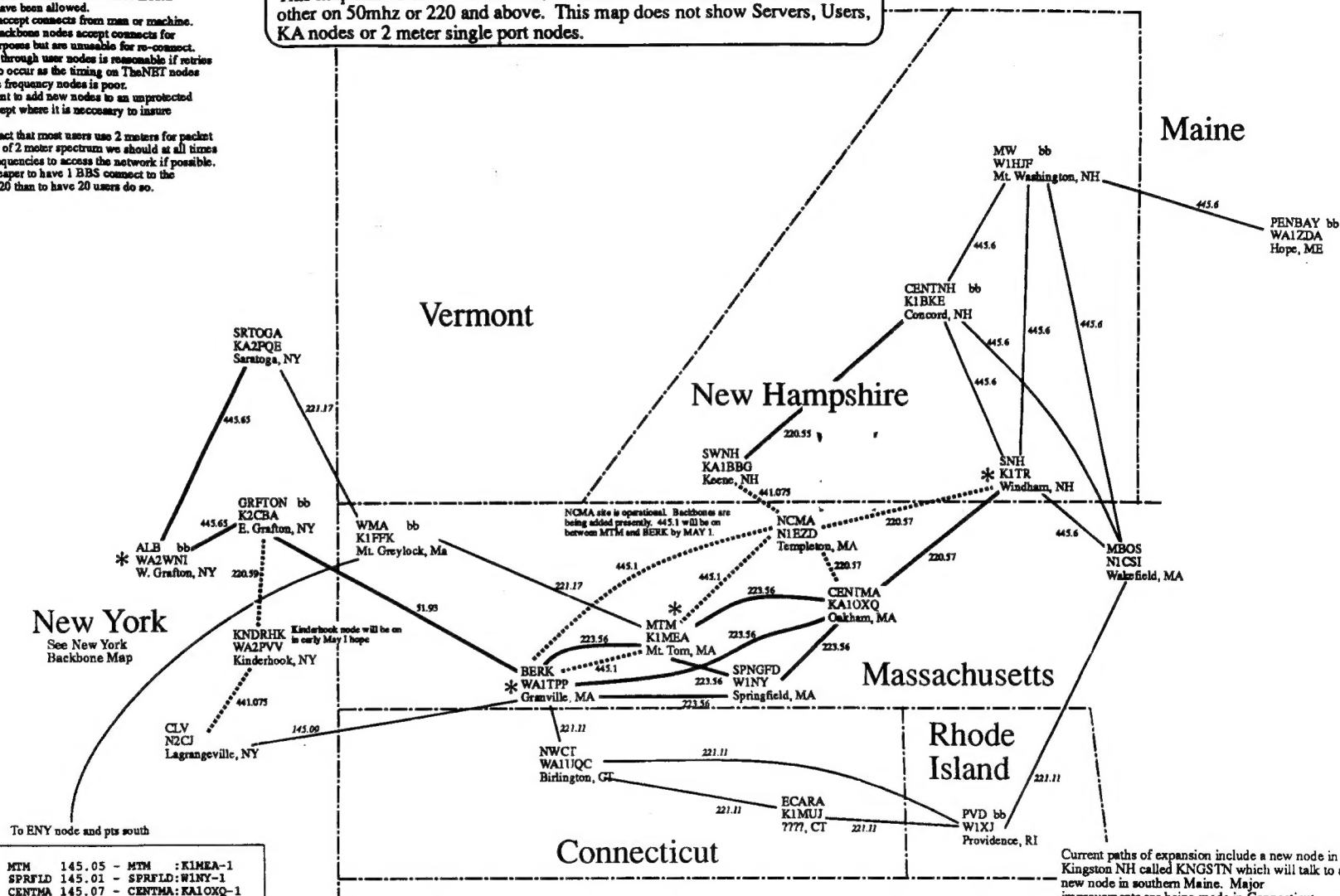
- **Network Developer Issues:**
 - **A unprotected backbone is a path between two or more nodes where there are no hidden transmitters. Stations not assigned to a backbone should not attempt over the air connects to a backbone node as this could degrade backbone performance.**
 - **Only protected backbone nodes use the # symbol in their names.**
 - **An unprotected backbone is one where hidden transmitters have been allowed.**
 - **User nodes accept connects from man or machine.**
 - **Protected backbone nodes accept connects for diagnostic purposes but are unusable for re-connect.**
 - **Disrupting through user nodes is reasonable if retries are unlikely to occur as the timing on the NETNET nodes used as single frequency nodes is poor.**
 - **We don't want to add new nodes to an unprotected backbone except where it is necessary to insure redundancy.**
 - **Due to the fact that most users use 2 meters for packet and the variety of 2 meter spectrum we should use all time on higher frequencies to access the network if possible. It is much cheaper to have 1 BBS connect to the network on 220 than to have 20 users do so.**

BBS information listed here shows network connect info for each BBS. Some BBSs are for local use only and will refuse network connects to non-BBS callings.

64 KA2DEW

This map shows TheNET and Net/rom nodes which are connected to each other on 50mhz or 220 and above. This map does not show Servers, Users, KA nodes or 2 meter single port nodes.

Duplicate at will!



Current paths of expansion include a new node in Kingston NH called KNGSTN which will talk to a new node in southern Maine. Major improvements are being made in Connecticut which should show fruit by June. We will also probably have a link from Albany to Syracuse running this summer. It doesn't seem unlikely that we can meet our goal of rapid communications from Indiana all the way to New Brunswick Canada in a year.

Networking Rules:

- 1> No hidden transmitters on backbones.
- 2> No nodes of poor reliability pass into backbone.
- 3> No single port nodes.
- 4> Path redundancy to all sites is necessary.

Bold line = protected backbone (no hidden transmitters)

USER PORT INFO:			
site	freq.	node	callsign
SRTOGA	145.01	- SRTOGA:KAZTQE	MTM 145.05 - MTM :KIMEA-1
	221.17	- SRTGA2:KAZTQE-13	SPRFLD 145.01 - SPRFLD:W1NY-1
ALB	144.93	- ALB144:WAZWNH-1	CENTMA 145.07 - CENTMA:KAIOXQ-1
	223.58	- ALB220:WAZWNH-2	SWNH 145.05 - SWNH :KAISBG-1
GRFTON	145.05	- GRFTON:KZCBA-1	NOMA 145.05 - NOMA :W1ED
KNDRHK	145.07	- KNDRHK:WAZMXX-1	CENTNH 144.99 - CENTNH:K1BKX-1
ENY	145.59	- ENY:WAZKXY-2	MW 145.01 - MWV :W1EJT-1
	145.01	- ENY :WAZKXY-1	MMU 445.60 - MMU :W1EJT-4
CLV	145.09	- CLV :N2CJ-1	SNE 145.07 - SNE :K1TR-1
WMA	145.05	- WMA :K1FFK	SNEUHF 445.6 - SNEUHF:K1TR-2
BERK	145.07	- BERK1 :W1ATPP-12	MBOS 145.01 - MBOS1 :N1CSI-1
	221.11	- BERK2 :W1ATPP-13	221.11 - MBOS2 :N1CSI-2
			445.60 - MBOS4 :N1CSI-4
			PENBAY 145.05 - PENBAY:W1AZDA-1
			223.42 - PBARC1:K1EBO-1

* - planned user port

Union Maine Hamfest

The Maine Hamfest Association is sponsoring the second annual Union hamfest to be held at the Union Fairgrounds in Union, Maine. The hamfest will begin at 8:00 am on Saturday, July 15.

The hamfest will feature demonstrations of packet radio, technical programs, a large grass and paved sales and tailgating area, meetings for amateur radio nets and clubs, and examinations for amateur radio operator licenses.

A light breakfast will be served at 8:00 am and a downeast chicken barbacue or sandwiches will be available for lunch.

Camp sites with electricity and water are available for 60 RV's or tents. Limited drive throughs are available. Camping is \$10.00 per night (\$8.00 if preregistered by June 30th). Camping facilities open on Friday, July 14th and will remain open until noon Sunday. There will be entertainment and a BYOE supper on Saturday evening at the campground.

FCC amateur radio license exams will be given at 2:00 pm. Walk-ins will be accepted. Those who plan to upgrade must bring a photocopy and original of their current license. Applicants for all exams must bring two forms of positive ID.

Gates will open to the public at 8:00 am. Tailgaters and vendors wishing to set up may enter the grounds at 6:00 am. General admission is \$2.00 per person. Tailgating and non-reserved sales space is an additional \$1.00.

The Union Fairgrounds are handicapped accessible.

Talk in on 146.22/82 and 146.28/88. To make camping reservations or for more information contact Maude (N1EBC) or John (N1CBA) Peterson, Box 601, Augusta, Maine. 04330; phone: (207) 445-2977.

QSL Manager "Server" @ W1NY

The W1NY bbs now provides a new service, called the "QSL Manager Server". You can submit a request to the server asking for the QSL manager for a particular station. The server will return a message to you telling you who is the QSL manager for the station you requested. If the server does not have the information you request, it will store your request

and return a message to you when the information is available.

For more information on the QSL manager server, send a message to QSLMGR on the BBS. The subject of your message will be ignored, so you can leave it blank. Put the single word **help** in the message. The server will return a message to you with information on using it.

Any questions about this new service can be directed to Bob, NQ1C.

Russian Phrase Book for Amateur Radio Available

This is a 20-page syllabus compiled by W6HJK to help amateurs better communicate with their Soviet colleagues. You need not be an expert in Russian, only interested in "trying."

The booklet provides (1) English words and phrases for QSO's, accompanied by (2) the Russian translation and (3) the English transliteration, to assist you in pronouncing the Russian.

The syllabus follows the natural sequence of a QSO. There are additional sections on the Russian alphabet, phonetics, CW characters, numerals, and given names. Suggestions are made for addressing mail to the Soviet Union.

The author undertook this project with a personal interest in improving the quality of his QSO's with Soviet hams and to enhance USA-USSR relations. This book is provided free of charge, with the first printing and mailing funded by Beyond War, an educational foundation to build global dialogue and cooperation. If it is useful, you may later choose to make a contribution to help sustain this project.

Requests should be sent to: "Russian Phrases for Amateur Radio", Len Traubman W6HJK, 1448 Cedarwood Drive, San Mateo, CA 94403-3911.

Field Day - June 24-25

Field Day will be held at the Agawam High School again this year. It will be the weekend of June 24-25, with set up on Friday, June 23. If you'd like to help set up the equipment, come and join us Friday afternoon. The contest will run from 2:00 pm on Saturday until 2:00 on Sunday. We're looking for both phone and CW operators, so if you'd like to operate, please join us!

Club Calendar

June	Banquet	June 9
	HCRA/West Exam	June 7
	< No Board Meeting >	
	June VHF Fontest	June 10-11
	Field Day	June 24-25

HCRA meeting are held at Feeding Hills Congregational Church at 8:00 PM.
Contact Phil Smith, **KA1MP** (413) 562-4731

HCRA/West Exams are held at Agawam High at 7:00 PM *sharp*.
Contact Jeanette Platanitis, **KA1MEW** (413) 786-1463

HCRA/East Exams are held at Minnechaug Regional High School, Wilbraham MA.
Contact Yorke Phillips, **K1BXE** (413) 566-3010

Local Nets

10 Meter Ragchew Net	Sunday 7:00 PM, 28.400
HCRA 10 Meter Net	Thursday 9:00 PM 28.650
Nutmeg VHF Traffic Net	Daily 9:30 PM 146.28/88
80 Meter Ragchew Net	Tuesday 8:00 PM 3.709 Mhz
WMPN	Daily 6:00 PM 3.937
WMSN	Tuesday & Thursday 7:30 PM 3.713
WMN	Daily 7:00 PM 3.562
WMTN	Monday-Friday 1:00 PM 146.31/91
CPN	Monday-Saturday 6:00 PM 3.965
	Sunday 10:00 AM 3.965
Mt. Tom Information Net	Wednesday 7:30 PM 146.34/94
Mt. Tom Swap Net	Follows Mt. Tom Information Net
Mt. Tom Emergency Net	Sunday 8:45 AM 146.34/94
Agawam Civil Defense Net	Monday 8:00 PM 449.175 & 146.70
RASON	Daily 9:00 PM 146.13/73
WESCON	Daily 8:30 PM 147.78/18
CN	Daily 7:00 & 10:00 PM 3.640
CSN	Monday-Friday 7:30 PM 3.720
CSTN	KY1T PBBS, 145.01 Mhz

Hampden County Radio Association, Inc.
P O Box 482
West Springfield MA 01090-0482
Editor: Bob Lafleur, NQ1C

Forwarding & Address
Correction Requested

10/89 AC1T

HCRA Meetings

First Friday of each month at
Feeding Hills Congregational Church
Center of Feeding Hills
Intersection of routes 57 & 187
Doors open at 7:30 PM
Meeting starts promptly at 8:00 PM

For Sale

Cushcraft AV-3 vertical for 10,
15 and 20. 6 months old. With roof
mount and manual. \$30. Fred
LaValley, **K1FUA**. (413) 562-3080

40 Rohn tower, good
condition. Tower is standing,
buyer must remove. Russ,
KA1GIP. (413) 467-3424

F9FT antenna. Good price.
Call Ron, (413) 739-5228.

New Club Members

We would like to welcome the
following new members to the
HCRA: **John Tillotson** just
passed his novice exam and is
waiting for his call from the FCC;
Roy Lheureux, **KC1OM**; Peter
Ferguson, **KA1TLH**, and Charles
Ferguson, **KA1TLG**.

